

PART ELEVATION

1" PREFORMED EXPANSION JOINT FILLER

11/4"

DETAIL OF

DUMMY JOINT

SPONGE RUBBER

JOINT FILLER

SECTION

DETAIL OF

CONTROL JOINT

DETAIL OF WALL CORNER

FILL WITH APPROVED JOINT SEALER

SCHEDULE OF QUANTITIES								
WALL	BASE			STEEL LBS/FT. REINF.	CONC. (CU. YDS.)	ADD REINF. STEEL (LBS.)		DAMP-
HEIGHT H(FT.)	LENGHT B(FT.)	BAR SIZE	CONCRETE CU. YDS/FT.		ONE WALL CORNER	ONE WALL CORNER	1-ENTRANCE CORNER	PROOFING (SQ. YDS.)
1.0	2.0	#3	0.107	3.38	0.53	55	11	
1.5	2.0	#3	0.119	3.95	0.58	58	12	
2.0	2.0	#3	0.132	4.14	0.64	66	16	
2.5	2.5	#3	0.156	4.89	0.79	72	17	0.43
3.0	2.5	#3	0.169	5.08	0.84	81	21	0.48
3.5	3.0	#4	0.193	10.4	1.01	88	22	0.54
4.0	4.0	#4	0.230	12.0	1.33	107	26	0.59

NOTE:

DETAIL 'A'

ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4".

MINIMUM COVERING, MEASURED FRO THE FACE OF THE CONCRETE TO THE FURFACE OF ANY REINFORCING BAR SHALL BE 3° .

EXPANSION JOINT SHALL BE PLACED IN RETAINING WALLS AT NOT MORE THAN 50'-0" INTERVALS OR AT LOCATIONS TO BE DETERMINED BY THE ENGINEER, AND AT 4'-0" FROM WALL CORNERS AND ENTRANCE CORNERS FOR TYPE 'C' WALLS. LONGITUDINAL BARS SHALL BE CUT AT EXPANSION JOINTS.

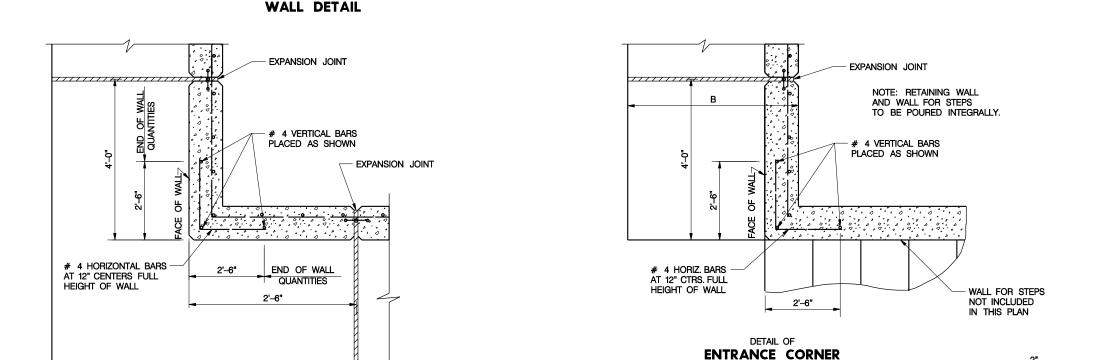
DUMMY JOINTS SHALL BE PLACED IN THE FACE OF WALLS AT LOCATIONS TO BE DETERMINED BY THE ENGINEER.

A CONTROL JOINT SHALL BE PLACED MIDWAY BETWEEN EXPANSION JOINTS OR MIDWAY BETWEEN EXPANSION JOINT AND THE END OF THE RETAINING WALL, EXCEPT CONTROL JOINTS WHERE EXPANSION JOINT AND THE END OF THE RETAINING WALL IS 30'-0" OR LESS. FIELD CUT ALTERNAT LONGITUDINAL BARS AT CONTROL JOINTS. TOP LONGITUDINAL BARS TO BE CONTINUOUS THROUGH CONTROL JOINT.

THE BACK FACE OF ALL RETAINING WALLS OVER TWO FEET HIGH SHALL BE DAMPPROOFED ABOVE THE TOP OF THE FOOTING.

WEEP HOLES SHALL BE PLACED AT 10'-0" CENTERS IN ALL RETAINING WALL. ALL EXPOSED FACES OF RETAINING WALLS SHALL BE BUILT WITH FORMS TO SIMULATE A BRICK FACE.

ALL REINFORCING STEEL SHALL BE EPOXY COATED.



WEEP HOLE

SEE DETAIL 'A'

_ 3"

DETAIL OF

EXPANSION JOINT

6" CENTER-BULB TYPE RUBBER WATER STOP

1" PREFORMED EXPANSION JOINT FILLER

WATER STOP TO EXTEND FROM BOTTOM OF FOOTING TO 3" BELOW TOP WALL. ALL

EXPANSION JOINTS. GROVE FRONT AND BACK

LONGITUDINAL STEEL SHALL BE CUT AT

FACE OF WALL.

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REINFORCED CONCRETE RETAINING WALL TYPE 'C'

L.S.P. 611